

SIP DEVELOPMENT DEQ PUBLIC PARTICIPATION STRATEGY

PURPOSE

To maximize public involvement in the development of the SIP.

BACKGROUND

Federal law requires transportation plans to demonstrate conformity with air quality plans. Failure to do so results in the loss of federal dollars for transportation projects that increase capacity. Conformity will lapse soon in Salt Lake and Utah Counties, bringing all new transportation projects - anything not currently under construction - to a halt.

Federal law anticipates that the solution to conformity problems would be to revise the transportation plan, designing a comprehensive solution that would fit within a State Implementation Plan (SIP). In Utah's case, however, the SIP is 10 years old, and planning assumptions about population and vehicle miles traveled growth have changed considerably. Also, EPA now has better models for predicting mobile emissions. It makes more sense, in this case, to rewrite the SIP.

WHO NEEDS TO BE INVOLVED

The goal is to be proactive and resolve major issues as early as possible. All residents and businesses in Salt Lake and Utah Counties have an interest in assuring air quality may participate. DEQ, by statute, must retain the responsibility to make final decisions in the SIP process. However, the agency is also committed to early, continuing, and substantive public involvement in order to arrive at effective air quality solutions.

A formal comment period will give the general public an opportunity to comment on a proposed SIP before it is finalized. DEQ will ensure greater stakeholder impact by involving interested parties throughout the process. DEQ will also look for opportunities to educate and inform the general public as the process moves forward. An informed public will then be able to maximize its influence both before and during the comment period.

The following audiences will be specifically targeted and their involvement solicited because of their direct interest:

- Regulated industry
- Environmental groups

- Local health departments
- County and municipal elected officials
- Health care professionals
- Transportation agencies
- Academia
- Related state and federal agencies including State Office of Planning and Budget, the Governor's Intergovernmental Liaison and congressional representatives from the impacted areas.
- Other interested citizens or groups who request to be part of the process

It is anticipated that the representatives from these targeted audiences will, in turn, keep their constituents informed and bring appropriate feedback and concerns to the process.

STRATEGY

1. Establish, then maintain, ongoing communication with key publics

a. Develop a contact list of key people - including phone, fax numbers, and e-mail addresses. Identify individual interests in the process and areas of expertise. Determine their interest in either being involved in one of the groups or what information they would like to receive and the most effective way to get it to them.

b. Establish and work with the following lead groups:

1. High Level Policy Makers - This group includes those who have a direct policy role in either issues related to the SIP or to transportation and conformity. It includes the Utah Department of Environmental Quality, Utah Department of Transportation, Mountainland Association of Governments (MAG) and Wasatch Front Regional Council (WFRC) representatives involved in transportation planning, EPA, the Federal Highway Administration, the Federal Transit Administration, the Utah Transit Authority. DEQ will meet with members of this group, individually and collectively, as the process moves forward.

2. Stakeholder Leadership Group - This group includes a representative or two from target audiences who have an interest in the process. The focus will be to ensure stakeholder concerns from individual Working Groups are broadly understood and considered and that the overall stakeholder process is meeting participants' needs. This group will also address issues of SIP process and policy not within the purview of the more technically oriented Working Groups. It is anticipated that, once the SIP is in

draft form, this group will jointly present it to the Air Quality Board and the public.

3. WFRC and MAG Air Quality Committees - These committees are established in the draft Utah SIP on Transportation Conformity to ensure proper consultation during development of transportation and air quality plans. These committees provide the regional planning organizations' input into the PM10 SIP process. Committee inputs would be through the Stakeholder Leadership Group and the various Work Groups.

c. Establish Working Groups - Members of the target public will be invited to a "kick off" meeting in late early January. At this meeting, the SIP process will be reviewed. Individuals will be asked to volunteer for one of three working groups, established to gather data and make recommendations on portions of the SIP. Each group will focus specifically on an assigned topic and when each has completed its task, the entire group will be brought back together for a discussion of recommendations for the SIP draft. DEQ will consider the recommendations, while retaining the responsibility to draft the SIP for public comment.

The three work groups will be:

1. Inventory - This group will develop comprehensive emissions inventories for the historic episode days and for the future projection year. The sources included will be major industrial sources, mobile sources, and area sources. The Wasatch Front Regional Council and the Mountainland Association of Governments will do the mobile source inventories for their respective counties.

2. Modeling - This group will look at the correlation between meteorological conditions and the emissions inventory to monitored concentrations of particulate matter. Simply, its focus will be to identify who causes the problem and where DEQ can get "the most bang for the buck" with control strategy implementation.

3. Control Strategies - This group will review the emissions inventory and the modeling to determine appropriate controls to achieve and/or maintain air quality standards.

d. Periodically brief the Wasatch Front Regional Council, the Mountainlands Association of Governments, the Local Health Departments, and key industry and environmental groups. Communication will be targeted to those who have an interest in the outcome of the process but who don't have time to get involved with a work group.

e. Watch for opportunities to update the press at key points in the process. Also, develop "tidbits" of information which can be given to the press on days when they are reporting a bad

air day.

2. Make the information readily available

- a. Establish a web page where information related to the process will be posted. This page will be updated on a regular basis.
- b. Establish an information repository - For those who do not have access to a web page, hard copies of key reports and other pieces of information will be placed in repositories established at local health department offices.

APPENDIX

- Work Group Charters

- Calendar

MODELING WORK GROUP

- PURPOSE** To develop a model of how particulate is transported and transformed in the atmosphere. Then, to use this model to identify appropriate and effective control methods and demonstrate future attainment of the federal health standard.
- MAKEUP** Background in, or understanding of, environmental modeling is helpful. Ideally, representatives should come from the following areas:
- Academia
 - Wasatch Front Regional Council
 - Mountainland Association of Governments
 - Utah Division of Air Quality
 - Industry
 - Environmental Groups
 - Other interested parties
- DEADLINES** The Base Year modeling and performance evaluation must be completed by March 2001 and the Future Year modeling and attainment demonstration must be completed by October, 2001.
- MEETINGS** All committee meetings will be open to the public. It is anticipated that each meeting will last up to two hours.
- The frequency of the meetings will vary, depending on the tasks to be accomplished at the moment. Initially, the group will meet monthly for two or three sessions. The focus will be a review of the process and schedule to be followed and related discussions. Once this is completed, the group will meet as needed. We anticipate this will be at least at modeling milestones.
- PROCESS** Meetings will be hosted and chaired by DEQ. They will continue through October, 2001.
- Meetings will be heavily educational. Members will develop an understanding of what goes on in a photochemical modeling process and how it is used in a SIP attainment demonstration. The goal will be threefold: to educate, to raise comfort levels with the process, and to receive feedback. Work will be guided by Utah's modeling protocol that has been developed for this process, EPA modeling guidance documents, UAM-AERO model documentation, and consultant advice. Discussions will be limited to

agenda items and limited to those issues over which DEQ and EPA have control. While DEQ and EPA will make the final decisions, the agencies welcome advise and counsel from the group.

A list of names and addresses of committee members will be prepared and maintained by UDEQ Community Relations staff. Other members of the public who may be interested in being notified of meetings will be added to this list.

The agenda will be set by DEQ and will be distributed in advance of the meeting to group members and other interested parties on the mailing list.

A brief summary of each meeting will be produced by UDEQ and placed onto the SIP website as it is periodically updated.

INVENTORY WORK GROUP

PURPOSE To develop a comprehensive emissions inventory of the historic episode days and for future projection years.

MAKEUP One or more representatives from:

- Wasatch Front Regional Council
- Mountainland Association of Governments
- Utah Division of Air Quality
- Salt Lake City-County Health Department
- Utah County Health Department
- Industry
- Environmental Groups
- Other interested parties

DEADLINES The Inventory Base Years must be completed by May, 2000 and the Projections must be completed by July, 2000.

MEETINGS All committee meetings will be open to the public. It is anticipated that each meeting will last up to two hours.

The frequency of the meetings will vary, depending on the tasks to be accomplished at the moment. Initially, the group will meet biweekly for two or three sessions. The focus will be a review of the process and schedule to be followed and related discussions. The group will then breaking into subgroups to gather information as follows:

- Mobile source - MPOs, Local Health Departments
- Population base, area sources - Environmental Groups, UDEQ
- Industrial source emissions - Industry

While the subgroups are gathering information, the committee will meet monthly to hear updates and to address any issues which arise. Finally, the group will again meet biweekly to receive, review, and help final inventory information. Area sources will be reported first, then industrial sources, and finally, mobile source.

PROCESS Meetings will be hosted and chaired by DEQ. Work will be guided by EPA's guidance document, "Emission Inventory Improvement Program" and by the DEQ-EPA agreement, "Emissions Inventory Protocol." Discussions will be limited to agenda

items and limited to those issues over which DEQ and EPA have control. While DEQ and EPA will make the final decisions, the agencies welcome advise and counsel from the group.

A list of names and addresses of committee members will be prepared and maintained by DEQ Community Relations staff. Other members of the public who may be interested in being notified of meetings will be added to this list.

The agenda will be set by DEQ and will be distributed in advance of the meeting to group members and other interested parties on the mailing list.

A summary of each meeting will be produced by DEQ and placed onto the SIP website as it is periodically updated.

Meetings will continue through July, 2000. An Inventory Committee may need to meet again when the Control Strategy Committee reaches key points in its process.

CONTROL STRATEGY WORK GROUP

PURPOSE To develop efficient, cost effective, and equitable control measures to ensure continued attainment of the PM10 National Ambient Air Quality Standard.

MAKEUP One or more representatives from:

- Wasatch Front Regional Council
- Mountainland Association of Governments
- Utah Division of Air Quality
- US Environmental Protection Agency
- Salt Lake City-County Health Department
- Utah County Health Department
- Major Affected Industry Sectors
- Area Source/Small Businesses in Salt Lake and Utah Counties
- Environmental Groups
- Academia
- Medical Profession
- Other interested parties

DEADLINES Candidate SIP control measures must be completed by July 2000 for the interim SIP submittal. Final control measures are due by February 2001.

MEETINGS All committee meetings will be open to the public. It is anticipated that each meeting will last up to two hours.

The frequency of the meetings will vary, depending on the tasks to be accomplished at the moment. Initially, the group will meet biweekly for two or three sessions. The focus will be a review of the process and schedule to be followed and related discussions.

The group may chose to initially address controls by sector (industry, mobile, area) or some other format. The contractor team will develop candidate control measures for consideration by the group, however committee members may develop measures as well. Stakeholders will be relied upon to communicate control measure preferences, assist in data collection, contribute cost/benefit estimates and other work to arrive at the most appropriate control measures.

A major goal of the committee is to develop measures that are equitable within and among the regulated sectors and are less reliant on emission limits on individual stacks

or processes.

PROCESS Meetings will be hosted and chaired by DEQ. Work will need to address the requirements of the Clean Air Act, 40 CFR Part 51, applicable EPA guidance, and State law, rules and policy. Discussions will be limited to agenda items and limited to those issues over which DEQ and EPA have control. While DEQ and EPA will make the final decisions, the agencies welcome advice and counsel from the group.

A list of names and addresses of committee members will be prepared and maintained by DEQ Community Relations staff. Other members of the public who may be interested in being notified of meetings will be added to this list.

The agenda will be set by DEQ and will be distributed in advance of the meeting to group members and other interested parties on the mailing list.

A summary of each meeting will be produced by DEQ and placed onto the SIP website as it is periodically updated.

Meetings will continue through February, 2001.

CALENDAR

(NOTE: The Public Participation opportunities identified are suggestions. That portion of the Calendar may periodically change as the process moves forward.)

JANUARY 2000

- Briefing on process at EPA/DEQ/Local Health Department meeting on Jan. 6
- Large group stakeholder meeting on Jan. 18
- Working groups established
- Web site and information repositories established
- Inventory group begins its work

MARCH 2000

- Briefing at Local Health Officers regular meeting

APRIL 2000

- Utah League of Cities and Towns Midyear

MAY 2000

- Begin cost effectiveness evaluation of control strategies
- Spare the Air publicity - Tie in SIP process
- OBD National Conference at Weber State University
- Utah League of Cities and Towns and Association of Counties Road School

JUNE 2000

- Briefing at Local Health Officers regular meeting
- County Fairs - Possible opportunity for Public Education

JULY 2000

- Inventory group completes its work
- Candidate SIP control measures completed
- Interim SIP submittal

AUGUST 2000

- Traditional slow news month

SEPTEMBER 2000

Utah League of Cities and Towns Annual Meeting in Salt Lake City
Local Boards of Health Association Annual Meeting

OCTOBER 2000

Planners' Association Annual Meeting
Spare the Air publicity - Tie in SIP Process
Develop "filler" tidbits for bad air days

NOVEMBER 2000

Base Year Inventory Work Completed

FEBRUARY 2001

Final Control measures completed

MAY 2001

Future Year Inventory Work completed